



AASHTO
ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION
OF STATE HIGHWAY AND
TRANSPORTATION OFFICIALS
AASHTO

Meyer Consulting Engineers Corporation in Rockville, Maryland, USA

has demonstrated proficiency for the testing of construction materials and has conformed to the requirements established in AASHTO R 18 and the AASHTO Accreditation policies established by the AASHTO Highway Subcommittee on Materials (HSOM).

The scope of accreditation can be viewed on the Directory of AASHTO Accredited Laboratories on www.aashtoresource.org.



Bud Wright,
AASHTO Executive Director



Moe Jamshidi,
AASHTO HSOM Chair



**USACE CERTIFICATE
OF
LABORATORY VALIDATION**



Meyer Consulting Engineers Corporation

**18761 N Frederick Ave Suite X
Gaithersburg, MD, United States
Charles Fountain
(301) 738-5690**

has demonstrated, by abbreviated audit of its AASHTO accreditation, or by inspection of required records, equipment, procedures, facilities, and/or final reports, its proficiency to perform testing of construction materials, as established by the quality standards of AASHTO R 18 guidance and the requirements of the applicable ASTM standards.

**THIS USACE CERTIFICATE OF LABORATORY VALIDATION IS ACCURATE AS OF ITS DATE AND TIME OF
GENERATION:**

14 MAY 2024 AT 07:12 HOURS

ALL METHODS LISTED ON THIS CERTIFICATE OF VALIDATION WILL EXPIRE ON 09/23/2024

PLEASE CONFIRM THE CURRENT VALIDATION STATUS OF THIS LABORATORY USING THE SEARCH FEATURE ON
OUR PUBLIC WEBSITE: <https://mtc.erdcdren.mil>

A handwritten signature in black ink, appearing to read "Chad A. Gartrell", is written over a horizontal line.

Chad A. Gartrell, PE, Director
USACE Materials Testing Center
Vicksburg, Mississippi, USA

AGGREGATE

Aggregate - C 29 - Unit Weight and Voids in Aggregate
Aggregate - C 40 - Organic Impurities
Aggregate - D 75 - Sampling
Aggregate - C 117 - Material Finer than 75 μm (No. 200) Sieve
Aggregate - C 127 - Specific Gravity & Absorption in Coarse Aggregate
Aggregate - C 128 - Specific Gravity & Absorption in Fine Aggregate
Aggregate - C 136 - Sieve Analysis of Aggregates
Aggregate - E 329 - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection
Aggregate - C 566 - Total Moisture Content
Aggregate - C 702 - Reducing Samples to Testing Size
Aggregate - C 1077 - Concrete and Concrete Aggregate Testing Standards (Quality Standards)
Aggregate - D 3666 - Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials

BITUMINOUS

Bituminous - E 329 - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection
Bituminous - D 979 - Sampling Bituminous Paving Mixtures
Bituminous - D 2726 - Bulk Specific Gravity and Density
Bituminous - D 2950 - Density of Bituminous Concrete in Place by Nuclear Methods
Bituminous - D 3549 - Thickness or Height of Compacted Asphalt Mixture Specimens
Bituminous - D 3666 - Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials

CONCRETE

Concrete - C 31 - Making and Curing Test Specimens in the Field
Concrete - C 39 - Compressive Strength of Cylindrical Specimens
Concrete - C 78 - Flexural Strength by Third Point Loading
Concrete - C 138 - Unit Weight and Air Content by Gravimetric
Concrete - C 143 - Slump
Concrete - C 172 - Sampling
Concrete - C 173 - Air Content by Volumetric ***required if C231 not performed***
Concrete - C 231 - Air Content by Pressure ***required if C173 not performed***
Concrete - E 329 - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection
Concrete - C 511 - Moist Cabinets, Moist Rooms, Water Storage Tanks
Concrete - C 617 - Capping Cylindrical Specimens
Concrete - C 1064 - Temperature of Concrete
Concrete - C 1077 - Concrete and Concrete Aggregate Testing Standards (Quality Standards)
Concrete - C 1231 - Unbonded Caps

MASONRY

Masonry - C 511 - Mixing Rooms, Moist Cabinets, Cure Tanks
Masonry - C 780 - Evaluation of Mortars for Plain and Reinforced Unit Masonry
Masonry - C 1019 - Sampling and Testing Grout

SOILS

Soils - E 329 - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection
Soils - D 421 - Dry Preparation for Particle Size Distribution & Soil Constants
Soils - D 422 - Particle Size Analysis (Sieve and Hydrometer)
Soils - D 558 - Moisture-Density of Soil-Cement
Soils - D 854 - Specific Gravity of Soils
Soils - D 1140 - Material Finer than 75 μ m (No. 200) Sieve
Soils - D 1556 - Density & Unit Weight by Sand Cone
Soils - D 1557 - Compaction Characteristics by Modified Effort
Soils - D 1883 - CA Bearing Ratio (CBR)
Soils - D 2216 - Water Content
Soils - D 2487 - Classification of Soils
Soils - D 2488 - Description & Identification of Soils (Visual-Manual Procedure)
Soils - D 3740 - Soil and Rock Testing Standards (Quality Standard)
Soils - D 4318 - Liquid & Plastic Limits & Plasticity Index
Soils - D 4718 - Correction of Unit Weight and Water Content for Soils Containing Oversize Particles
Soils - D 4944 - Field Moisture Content of Soil by Calcium Carbide Gas Pressure Tester
Soils - D 6938 - Density and Water Content by Shallow Depth Nuclear Method

SPRAYED FIRE RESISTIVE

Sprayed Fire Resistive - E 329 - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection
Sprayed Fire Resistive - E 605 - Thickness and Density of Sprayed Fire Resistive Material (SFRM) Applied to Structural Members
Sprayed Fire Resistive - E 736 - Cohesion Adhesion of Sprayed Fire Resistive Materials Applied to Structural Members



An Association of Engineering Laboratories,
Inspection Agencies and Public Building Officials

Certificate of Laboratory Accreditation

This is to certify that

MEYER CONSULTING ENGINEERS
ROCKVILLE, MD

*Has Been Inspected and Accredited in Accordance with the
Standards and Procedures of ASTM and the WACEL Quality Assurance Committee in the Fields of*

Soils (D3740), Concrete (C1077), Field Inspection (E329)

Issued Wednesday, September 6, 2023 and Effective Through Sunday, September 6, 2026

A handwritten signature in dark ink that reads "Thomas B. Cohn".

Thomas Cohn
Executive Director